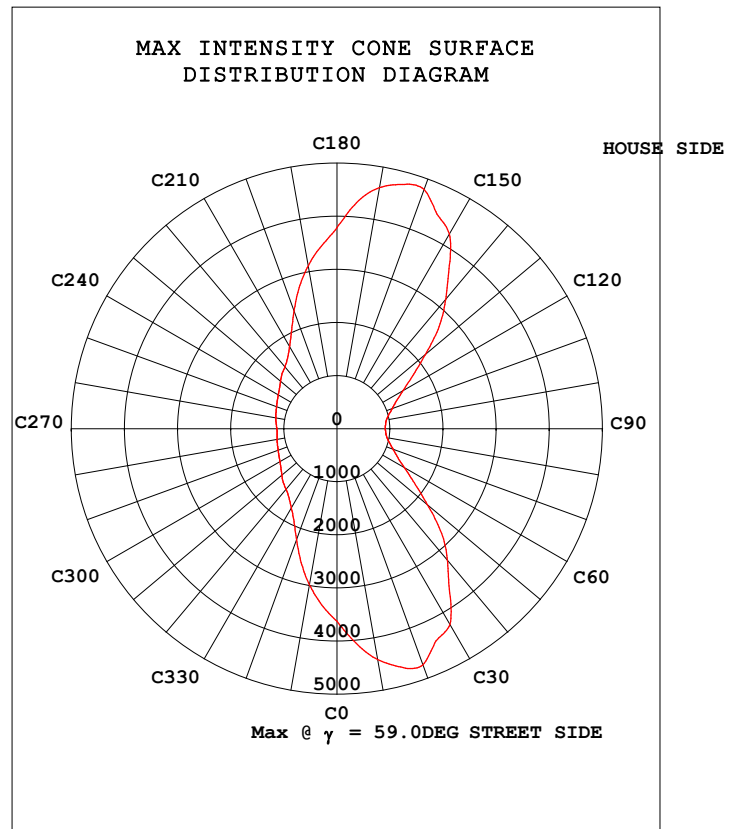
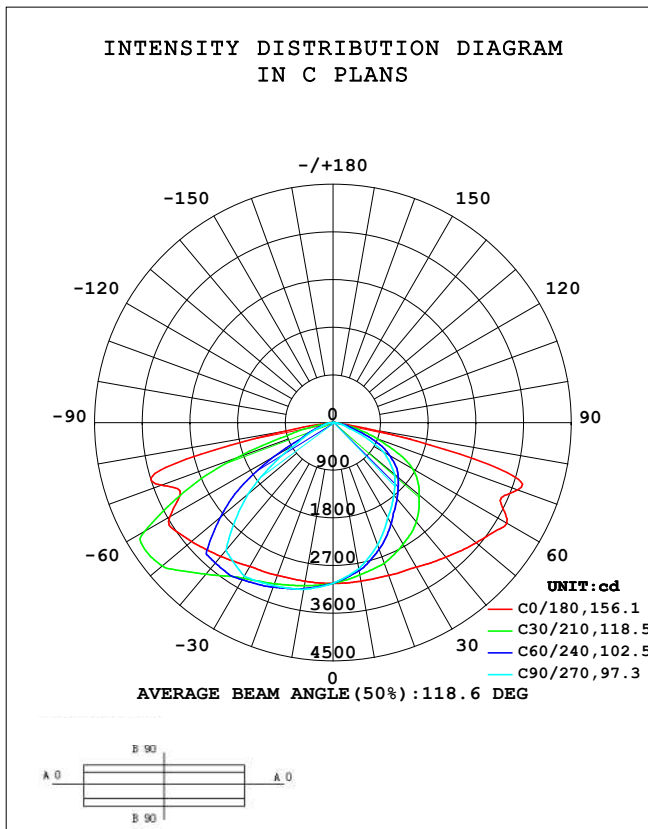


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.8V I:0.3447A P:75.22W PF:0.9881 Lamp Flux:11280.8x1 lm		
NAME: OPCITYIII-75W-4070-6C1T2-068	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 149.98 lm/W			
MODEL	LED	Imax (cd)	4797	η street_up (%)	0.0
NOMINAL POWER (W)	75	LOR (%)	100.0	η street_down (%)	50.7
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	11281	η house_up (%)	0.0
NOMINAL FLUX (lm)	11280.8	MAXIMUM @ (C, γ)	160,59.0	η house_down (%)	49.3
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	220	η down (%)	100.0	SLI	21.128



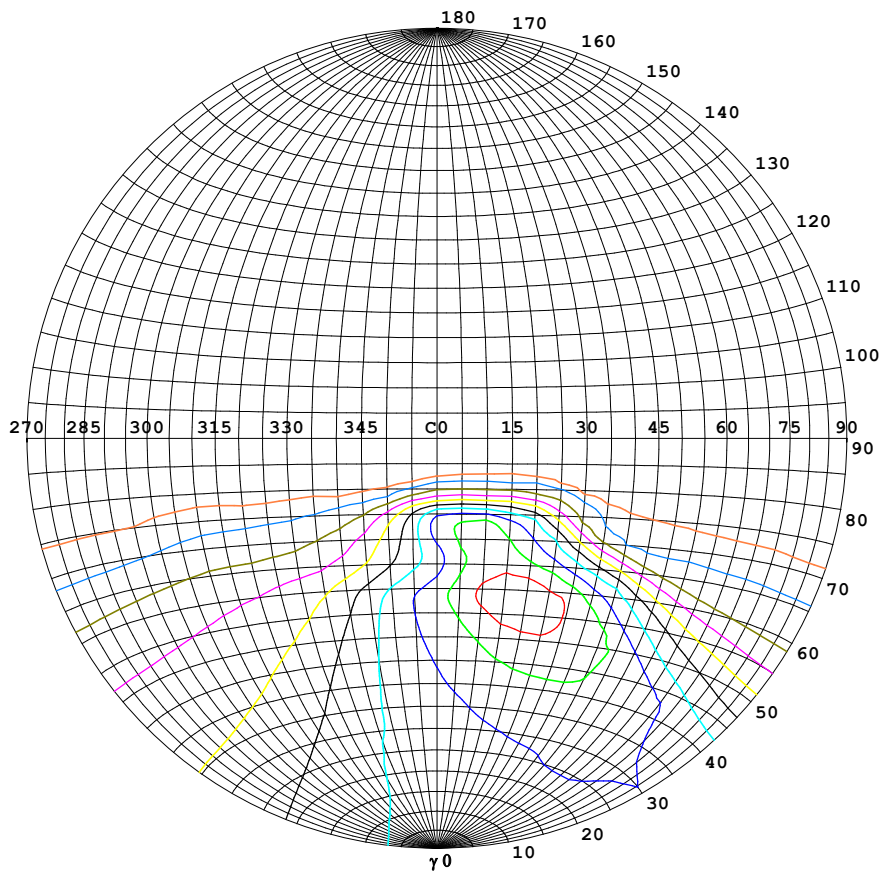
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-08-25

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 7.370m [K=1.0000]
Remarks:

Note: SLI: Specific Luminaire Index

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:220.8V I:0.3447A P:75.22W PF:0.9881 Lamp Flux:11280.8x1 lm		
NAME: OPCITYIII-75W-4070-6C1T2-068	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:



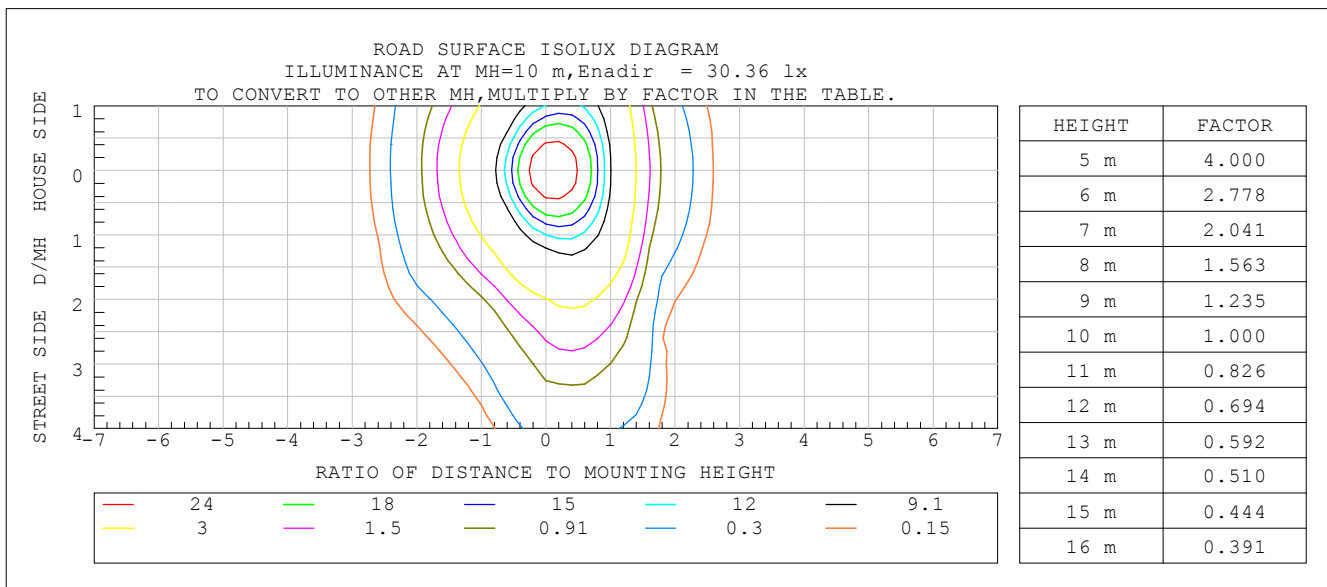
Classification:

IES:Type IV - Short
CIE:Broad - Short
IES:Cut-off
CIE:Semi-cut-off
Max.At80:85.23cd/klm
Max.At90:3.923cd/klm
Max.80-90:85.23cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	4797
90%	4317
80%	3837
70%	3358
60%	2878
50%	2398
40%	1919
30%	1439
20%	959
10%	480
5%	240

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-25

gamma Range: 0 - 90DEG
gamma Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-08-25

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 7.370m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:220.8V I:0.3447A P:75.22W PF:0.9881 Lamp Flux:11280.8x1 lm		
NAME: OPCITYIII-75W-4070-6C1T2-068	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

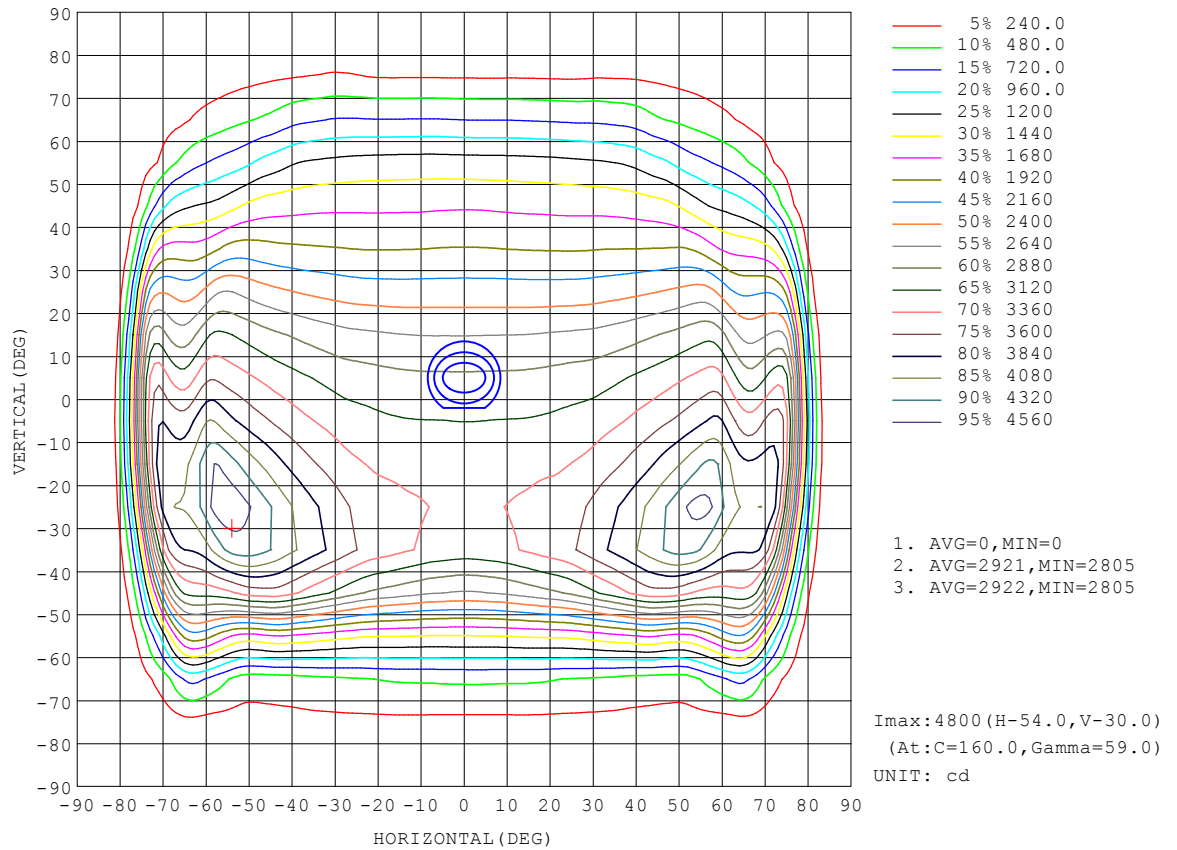
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
5	3039	3095	3117	3095	3038	2955	2921	2956	0- 5	72.43	72.43	0.64,0.64
10	3041	3161	3199	3161	3038	2873	2805	2878	5- 10	216.2	288.6	2.56,2.56
15	3050	3225	3237	3222	3049	2784	2633	2789	10- 15	356.8	645.5	5.72,5.72
20	3072	3281	3276	3279	3072	2662	2461	2664	15- 20	491.9	1137	10.1,10.1
25	3103	3359	3314	3353	3105	2534	2267	2531	20- 25	621.3	1759	15.6,15.6
30	3136	3424	3352	3424	3150	2387	2072	2379	25- 30	742.9	2502	22.2,22.2
35	3211	3526	3250	3542	3231	2218	1931	2207	30- 35	857.2	3359	29.8,29.8
40	3298	3673	3147	3695	3318	2048	1789	2032	35- 40	964.4	4323	38.3,38.3
45	3388	3751	2616	3755	3418	1922	1654	1902	40- 45	1056	5380	47.7,47.7
50	3492	3786	2085	3768	3529	1774	1519	1753	45- 50	1113	6492	57.6,57.6
55	3595	3243	1434	3200	3652	1613	1306	1586	50- 55	1128	7621	67.6,67.6
60	3563	2591	783.1	2530	3792	1415	1092	1380	55- 60	1087	8707	77.2,77.2
65	3181	1312	523.2	1285	3485	1112	715.9	1053	60- 65	934.9	9642	85.5,85.5
70	3454	436.3	263.3	430.3	3711	740.7	340.1	673.3	65- 70	724.1	10366	91.9,91.9
75	3272	241.9	181.4	244.6	3058	364.8	224.3	336.5	70- 75	552.2	10918	96.8,96.8
80	904.9	147.2	99.52	151.5	641.1	188.6	108.6	172.4	75- 80	285.2	11204	99.3,99.3
85	83.35	41.25	0	43.20	55.71	41.35	0	37.17	80- 85	68.76	11272	99.9,99.9
90	44.26	0	0	0	39.07	0	0	0	85- 90	8.373	11281	100,100
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-08-25

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:7.370m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

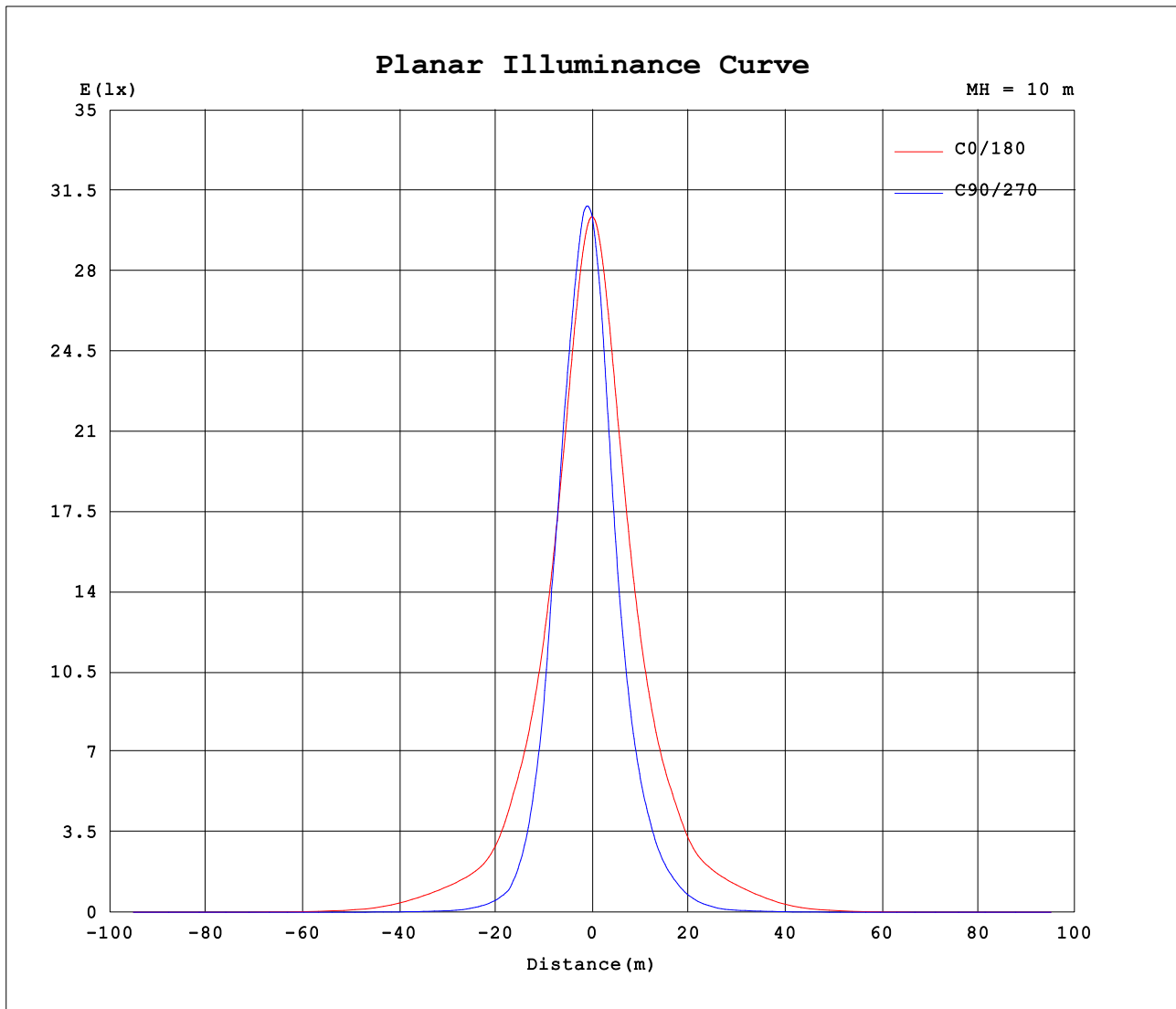
Test:U:220.8V I:0.3447A P:75.22W PF:0.9881 Lamp Flux:11280.8x1 lm		
NAME: OPCITYIII-75W-4070-6C1T2-068	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-25

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

Planar Illuminance Curve



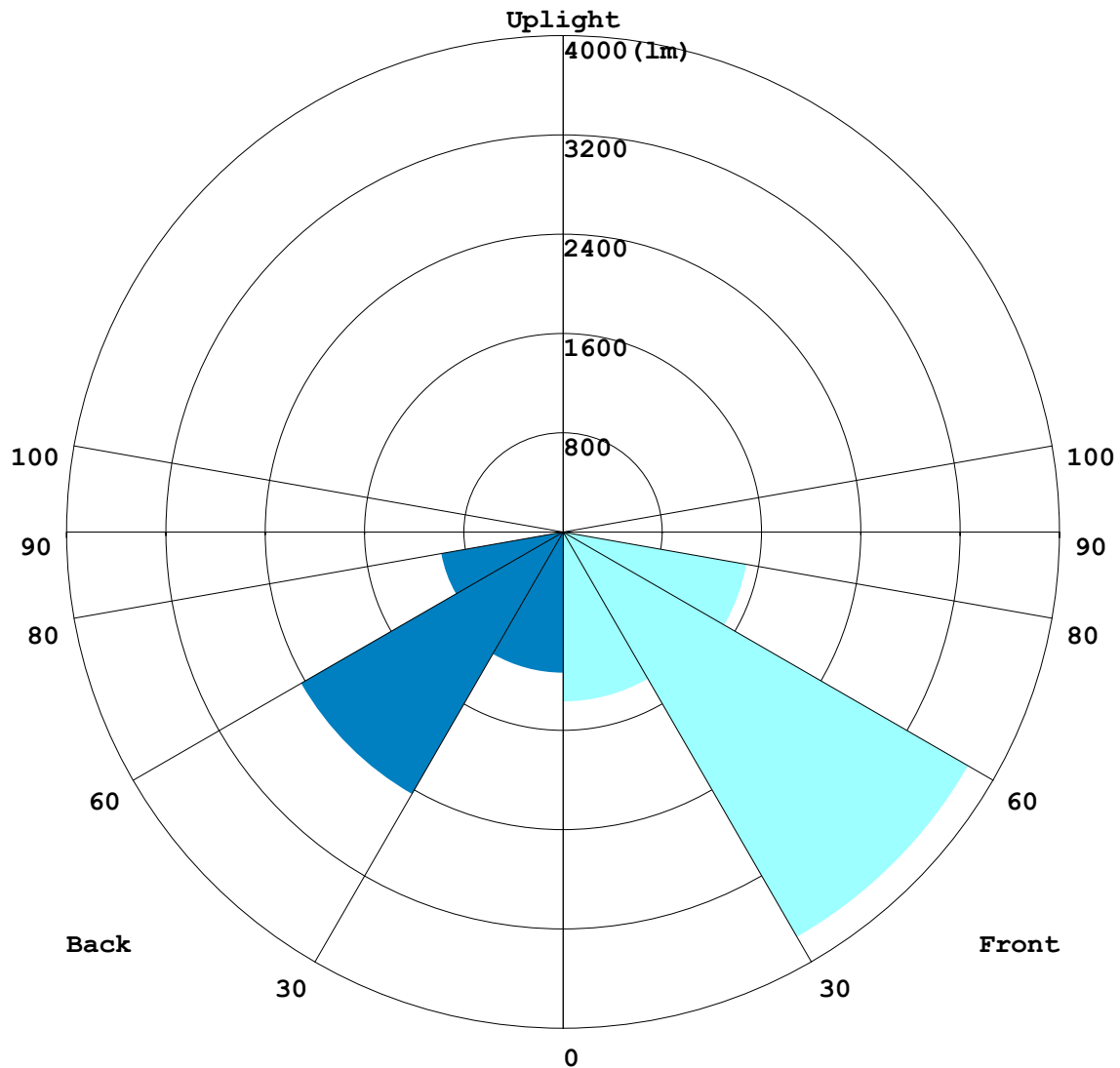
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-08-25

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 7.370m [K=1.0000]
Remarks:

LCS REPORT

Test:U:220.8V I:0.3447A P:75.22W PF:0.9881 Lamp Flux:11280.8x1 lm		
NAME: OPCITYIII-75W-4070-6C1T2-068	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-25

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

BUG REPORT

Test:U:220.8V I:0.3447A P:75.22W PF:0.9881 Lamp Flux:11280.8x1 lm		
NAME: OPCITYIII-75W-4070-6C1T2-068	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1367	12.1
FM - Front-Medium(30-60)	3768.8	33.4
FH - Front-High(60-80)	1499.3	13.3
FVH - Front-Very High(80-90)	46.21	0.4
Total Forward Light	6681.3	59.2

BL - Back-Low(0-30)	1134.5	10.1
BM - Back-Medium(30-60)	2436.8	21.6
BH - Back-High(60-80)	997.2	8.8
BVH - Back-Very High(80-90)	30.921	0.3
Total Back Light	4599.5	40.8

UL - Uplight-Low(90-100)	0	0.0
UH - Uplight-High(100-180)	0	0.0
Total Up Light	0	0.0

BUG(Back,Up,Glare) Rating	B3-U0-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	4599.5	0	4599.5
Street Side	6681.3	0	6681.3

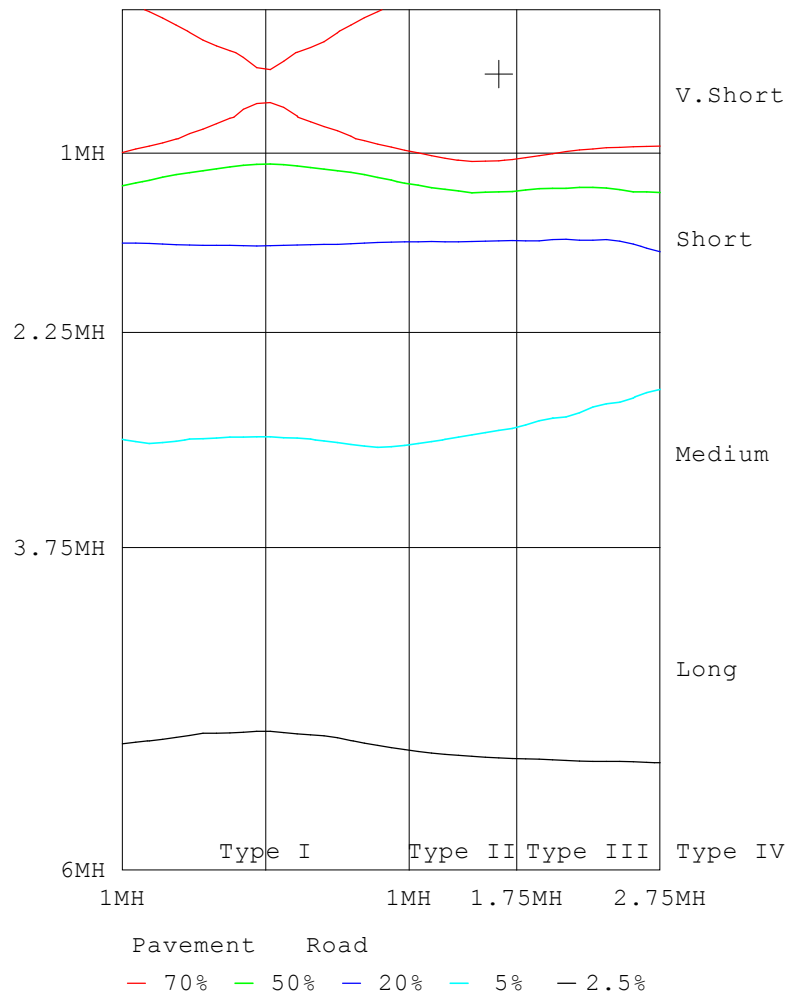
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-25

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:220.8V I:0.3447A P:75.22W PF:0.9881 Lamp Flux:11280.8x1 lm		
NAME: OPCITYIII-75W-4070-6C1T2-068	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-25

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```